Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022125\
Data File : BF141716.D
Acq On : 21 Feb 2025 13:13
Operator : RC/JU
Sample : PB166796BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166796BS

Quant Time: Feb 21 13:33:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	96327	20.000	ng		-0.01
21) Naphthalene-d8	8.063	136	367759	20.000	ng		-0.01
39) Acenaphthene-d10	9.816	164	197796	20.000	ng		-0.02
64) Phenanthrene-d10	11.298	188	317365	20.000	ng		-0.02
76) Chrysene-d12	13.939	240	189562	20.000	ng		-0.02
86) Perylene-d12	15.380	264	175001	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	825531	134.357	ng		0.00
7) Phenol-d6	6.428	99	1004852	129.393	ng		-0.01
23) Nitrobenzene-d5	7.345	82	659201	93.493	ng		-0.02
42) 2,4,6-Tribromophenol	10.610	330	266645	134.198	ng		-0.02
45) 2-Fluorobiphenyl	9.139	172	1222896	95.252	ng		-0.01
79) Terphenyl-d14	12.880	244	1202534	107.093	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.593	88	105631	42.715	ng		96
3) Pyridine	3.328	79	240212	40.820	ng		95
4) n-Nitrosodimethylamine	3.275	42	149736	38.428	ng		88
6) Aniline	6.445	93	243130	33.375	ng	#	79
8) 2-Chlorophenol	6.569	128	292303	44.027	ng		99
9) Benzaldehyde	6.328	77	125954	30.521	ng		99
10) Phenol	6.440	94	337942	41.810	ng		96
11) bis(2-Chloroethyl)ether	6.516	93	273776	45.095	ng		99
12) 1,3-Dichlorobenzene	6.722	146	309299	44.128	ng		96
13) 1,4-Dichlorobenzene	6.798	146	314513	43.918	ng		98
14) 1,2-Dichlorobenzene	6.945	146	296140	44.556	ng		99
15) Benzyl Alcohol	6.928	79	240813	40.437	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	413559	39.794	ng		74
17) 2-Methylphenol	7.045	107	224267	43.165	ng		96
18) Hexachloroethane	7.287	117	115700	43.655	ng		98
19) n-Nitroso-di-n-propyla...	7.198	70	198827	42.802	ng		94
20) 3+4-Methylphenols	7.198	107	291160	44.097	ng		97
22) Acetophenone	7.192	105	444238	48.560	ng	#	93
24) Nitrobenzene	7.369	77	300879	43.761	ng		98
25) Isophorone	7.604	82	530301	47.170	ng		99
26) 2-Nitrophenol	7.681	139	153988	45.017	ng		96
27) 2,4-Dimethylphenol	7.722	122	229256	57.370	ng		99
28) bis(2-Chloroethoxy)met...	7.816	93	326865	45.373	ng		100
29) 2,4-Dichlorophenol	7.928	162	241138	44.661	ng		99
30) 1,2,4-Trichlorobenzene	8.004	180	263172	44.760	ng		100
31) Naphthalene	8.087	128	832158	43.470	ng		100
32) Benzoic acid	7.869	122	167716m	40.406	ng		
33) 4-Chloroaniline	8.145	127	62094	9.290	ng		97
34) Hexachlorobutadiene	8.198	225	161015	45.616	ng		100
35) Caprolactam	8.510	113	81033m	49.293	ng		
36) 4-Chloro-3-methylphenol	8.634	107	259174	43.334	ng		99
37) 2-Methylnaphthalene	8.775	142	521968	41.901	ng		99
38) 1-Methylnaphthalene	8.875	142	506083	41.946	ng		97
40) 1,2,4,5-Tetrachloroben...	8.939	216	283833	49.600	ng		99
41) Hexachlorocyclopentadiene	8.928	237	268395	141.012	ng		98
43) 2,4,6-Trichlorophenol	9.057	196	161386	43.635	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	179810	44.859	ng	98
46) 1,1'-Biphenyl	9.239	154	751828	49.028	ng	100
47) 2-Chloronaphthalene	9.263	162	510527	45.022	ng	99
48) 2-Nitroaniline	9.363	65	162968	42.823	ng	98
49) Acenaphthylene	9.675	152	780969	46.303	ng	99
50) Dimethylphthalate	9.539	163	606500	45.167	ng	100
51) 2,6-Dinitrotoluene	9.604	165	131564	44.819	ng	99
52) Acenaphthene	9.851	154	485095	42.781	ng	97
53) 3-Nitroaniline	9.775	138	72914	23.078	ng	97
54) 2,4-Dinitrophenol	9.892	184	130938	75.053	ng	89
55) Dibenzofuran	10.022	168	700474	42.087	ng	99
56) 4-Nitrophenol	9.957	139	172354	73.488	ng	94
57) 2,4-Dinitrotoluene	10.010	165	174926	44.764	ng	100
58) Fluorene	10.363	166	559205	43.454	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	147851	42.844	ng	95
60) Diethylphthalate	10.239	149	572964	43.369	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	273847	44.233	ng	97
62) 4-Nitroaniline	10.392	138	128559	40.073	ng	98
63) Azobenzene	10.516	77	537548	40.928	ng	96
65) 4,6-Dinitro-2-methylph...	10.422	198	92742	42.068	ng	94
66) n-Nitrosodiphenylamine	10.475	169	487775	48.013	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	164701	46.434	ng	99
68) Hexachlorobenzene	10.910	284	177525	48.605	ng	99
69) Atrazine	11.004	200	181370	59.509	ng	99
70) Pentachlorophenol	11.110	266	162372	69.526	ng	99
71) Phenanthrene	11.322	178	789793	45.210	ng	100
72) Anthracene	11.375	178	807352	45.974	ng	99
73) Carbazole	11.533	167	689575	43.640	ng	99
74) Di-n-butylphthalate	11.863	149	819175	44.898	ng	100
75) Fluoranthene	12.510	202	776148	41.906	ng	100
77) Benzidine	12.639	184	224440	53.685	ng	100
78) Pyrene	12.739	202	770336	47.738	ng	100
80) Butylbenzylphthalate	13.357	149	277925	49.724	ng	98
81) Benzo(a)anthracene	13.927	228	579389	45.980	ng	99
82) 3,3'-Dichlorobenzidine	13.892	252	115921	32.115	ng	99
83) Chrysene	13.963	228	538467	46.280	ng	99
84) Bis(2-ethylhexyl)phtha...	13.916	149	339083	53.789	ng	99
85) Di-n-octyl phthalate	14.521	149	493151	54.837	ng	97
87) Indeno(1,2,3-cd)pyrene	16.810	276	531589	49.161	ng	99
88) Benzo(b)fluoranthene	14.963	252	490663	41.757	ng	99
89) Benzo(k)fluoranthene	14.992	252	468742	46.716	ng	99
90) Benzo(a)pyrene	15.315	252	457056	48.070	ng	99
91) Dibenzo(a,h)anthracene	16.821	278	429071	48.971	ng	99
92) Benzo(g,h,i)perylene	17.239	276	416531	45.429	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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